

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/037280

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D249/10 A61K31/4196 A61P25/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 12 May 1984 (1984-05-12) retrieved from STN Database accession no. 1973:72019 XP002328785 one specific compound : 1-'1,1'-biphenyl-3-yl-1H-1,2,4-triazole abstract & M. A. KHAN ET AL.: "Synthesis of heterocyclic compounds. III. Aryl-1,2,4-triazoles" REVISTA LATINOAMERICANA DE QUIMICA, vol. 3, no. 3, 1972, pages 119-121, MONTERREY, MX</p> <p>----</p> <p style="text-align: center;">-/-</p>	22

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the International search

20 May 2005

Date of mailing of the International search report

08/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5618 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl
Fax (+31-70) 340-3016

Authorized officer

Gregoire, A

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/037280

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/72714 A (COSENSYS, INC; HOGENKAMP, DERK; NGUYEN, PHONG; YANG, JI) 4 October 2001 (2001-10-04) the whole document -----	1-65
A	WO 03/022276 A (EURO-CELTIQUE S.A; SHAO, BIN; GOEHRING, R., RICHARD; VICTORY, SAMUEL,) 20 March 2003 (2003-03-20) claim 25 -----	1-65
A	WO 01/68612 A (COSENSYS, INC; HOGENKAMP, DERK, J; NGUYEN, PHONG; SHAO, BIN) 20 September 2001 (2001-09-20) cited in the application claims and example 20 -----	1-65
P,X	WO 2004/083189 A (MERCK & CO., INC; CHAKRAVARTY, PRASUN, K; FISHER, MICHAEL, H; PALUCKI,) 30 September 2004 (2004-09-30) the whole document -----	1-65
P,X	WO 2004/083190 A (MERCK & CO. INC; CHAKRAVARTY, PRASUN, K; FISHER, MICHAEL, H; PALUCKI,) 30 September 2004 (2004-09-30) the whole document -----	1-65

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2004/037280

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 36–49, 52–65 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/037280

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
WO 0172714	A 04-10-2001	AU 4589701 A	BR 0108819 A	CA 2400778 A1	08-10-2001 10-12-2002 04-10-2001
		CN 1422257 A	CZ 20023486 A3	EP 1292577 A2	04-06-2003 16-04-2003 19-03-2003
		HU 0300867 A2	JP 2003528859 T	JP 2003528859 T	28-07-2003 30-09-2003
		NO 20024426 A	NZ 520875 A	PL 360534 A1	16-09-2002 29-04-2005 06-09-2004
		WO 0172714 A2	US 2004002523 A1	US 2002006947 A1	04-10-2001 01-01-2004 17-01-2002
		ZA 200206534 A			15-08-2003
WO 03022276	A 20-03-2003	BR 0212338 A	CA 2459527 A1	EP 1432419 A1	21-09-2004 20-03-2003 30-06-2004
		JP 2005506981 T	WO 03022276 A1	US 2003055088 A1	10-03-2005 20-03-2003 20-03-2003
WO 0168612	A 20-09-2001	AU 4562001 A	BR 0108918 A	CA 2400945 A1	24-09-2001 29-06-2004 20-09-2001
		CN 1422254 A	CZ 20032228 A3	EP 1265866 A2	04-06-2003 16-06-2004 18-12-2002
		HR 20020805 A2	JP 2003527376 T	HR 20020805 A2	31-12-2004 28-07-2003
		HU 0300466 A2	MX PA02008733 A	JP 2003527376 T	16-09-2003 14-04-2003
		NO 20024308 A	NO 20024308 A	MX PA02008733 A	08-11-2002
		NZ 521866 A	PL 357272 A1	NO 20024308 A	24-03-2005
		SK 10692003 A3	SK 10692003 A3	PL 357272 A1	26-07-2004
		WO 0168612 A2	WO 0168612 A2	SK 10692003 A3	02-03-2004
		US 2004192691 A1	US 2004192691 A1	WO 0168612 A2	20-09-2001
		US 2002040025 A1	US 2002040025 A1	US 2004192691 A1	30-09-2004
		US 2005043305 A1	US 2005043305 A1	US 2002040025 A1	04-04-2002
		ZA 200207069 A	ZA 200207069 A	US 2005043305 A1	24-02-2005
				ZA 200207069 A	03-12-2003
WO 2004083189	A 30-09-2004	WO 2004083189 A1	WO 2004083190 A1		30-09-2004 30-09-2004
WO 2004083190	A 30-09-2004	WO 2004083189 A1	WO 2004083190 A1		30-09-2004 30-09-2004